



ice thorn
Carychium exile
Photo © 2008, Marla L. Coppolino



Roger's snaggletooth
Gastrocopta rogersensis
Photo © 2008, Marla L. Coppolino

Illinois LAND Snails & Slugs



broad-banded forestsnail
Allogona profunda
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tigersnail
Anguispira alternata
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dusky arion
Arion subfuscus
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gray fieldslug
Deroceras reticulatum
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Iowa Pleistocene snail
Discus macclintocki
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brittle button
Mesomphix friabilis
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carinate pillsnail
Euchemotrema hubrichti
Photo © 2007, Eric Johnson



gray-foot lancetooth
Haplotrema concavum
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whitewashed rabdotus
Rabdotus dealbatus
Photo © 2009, Jochen Gerber, The Field Museum of Natural History



compound coil
Helicodiscus parallelus
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depressed ambersnail
Oxyloma peariense
Photo © 2009, Jochen Gerber, The Field Museum of Natural History



toothed globe
Mesodon zaletus
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Carolina mantleslug
Philomycus carolinianus
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small spot
Punctum minutissimum
Photo © 2008, Marla L. Coppolino



thin-lip valloniasnail
Vallonia perspectiva
Photo © 2008, Marla L. Coppolino



armed snaggletooth
Gastrocopta armifera
Photo © 2008, Marla L. Coppolino



globose dome
Ventridens ligera
Photo © 2008, Marla L. Coppolino



striped whitelip
Webbhelix multilineata
Photo © 2008, Marla L. Coppolino



bladetooth wedge
Xolotrema fosteri
Photo © 2009, Marla L. Coppolino



Appalachian pillar
Cochlicopa morseana
Photo © 2008, Marla L. Coppolino



cherrystone drop
Hendersonia occulta
Photo © 2009, Jochen Gerber, The Field Museum of Natural History



domed supercoil
Paravitrea significans
Photo © 2009, Jochen Gerber, The Field Museum of Natural History



bronze pinecone
Strobilops aeneus
Photo © 2009, Jochen Gerber, The Field Museum of Natural History

Land snails and slugs, hereafter referred to as “land snails” or “snails,” are among the least-studied groups of animals and are commonly misunderstood to be pests or undesirable creatures. While it is true that some snails, particularly species introduced from other areas, can be damaging to crops or the environment, the snails native to an area play an essential role in the functioning of its ecosystem. Numbering almost 40,000 species worldwide, land snails are found in nearly every type of habitat, from tropical rain forests to mountains, arctic regions and deserts. Land snails are abundant in Illinois. They are represented by approximately 124 species, ranging in size from about 0.05 inch to approximately 1.80 inches.

These organisms, as well as aquatic snails, are members of the Class Gastropoda, a classification category meaning “stomach-foot.” They move on their **ventral** side on a large, muscular foot. For those gastropods with a shell, their organs are located in a visceral sac that is covered with **mantle** tissue, inside the shell. Gastropods are part of a larger group of animals, the Mollusks, that includes clams, mussels, limpets, **chitons**, **scaphopods**, octopuses, squids and others.

Glossary words defined on back of poster.

- ### Species List

Species are not shown in proportion to actual size.

KINGDOM ANIMALIA

Phylum Mollusca

Class Gastropoda
- Family Agriolimnacidæ**
gray fieldslug *Deroceras reticulatum* (Müller, 1774)

Family Arionidae
dusky arion *Arion subfuscus* (Draparnaud, 1805)

Family Cochlicopidae
Appalachian pillar *Cochlicopa morseana* (Doherty, 1878)

Family Discidae
tigersnail *Anguispira alternata* (Say, 1816)

Iowa Pleistocene snail *Discus macclintocki* (F. C. Baker, 1928)

Family Ellobiidae
ice thorn *Carychium exile* L. Lea, 1842

Family Gastrodontidae
globose dome *Ventridens ligera* (Say, 1821)

Family Haplotrematidae
gray-foot lancetooth *Haplotrema concavum* (Say, 1821)
- Family Heliciniidae**
cherrystone drop *Hendersonia occulta* (Say, 1821)

Family Helicodiscidae
compound coil *Helicodiscus parallelus* (Say, 1817)

Family Orthalicidae
whitewashed rabdotus *Rabdotus dealbatus* (Say, 1821)

Family Oxycillidae
brittle button *Mesomphix friabilis* (W. G. Binney, 1857)

Family Philomycidae
Carolina mantleslug *Philomycus carolinianus* (Bosc, 1802)

Family Polygyridae
broad-banded forestsnail *Allogona profunda* (Say, 1821)

carinate pillsnail *Euchemotrema hubrichti* (Pilsbry, 1940)

toothed globe *Mesodon zaletus* (A. Binney, 1837)
- striped whitelip *Webbhelix multilineata* (Say, 1821)

bladetooth wedge *Xolotrema fosteri* (F. C. Baker, 1921)

Family Punctidae
small spot *Punctum minutissimum* (L. Lea, 1841)

Family Strobilopsidae
bronze pinecone *Strobilops aeneus* Pilsbry, 1926


Family Succineidae
depressed ambersnail *Oxyloma peariense* (Wolf, 1894)


Family Valloniidae
thin-lip valloniasnail *Vallonia perspectiva* Sierki, 1893

Family Vertiginidae
armed snaggletooth *Gastrocopta armifera* (Say, 1821)

Roger's snaggletooth *Gastrocopta rogersensis* Nikola and Coles, 2001

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